ABSTRACT OF THE DISCLOSURE

A detection apparatus includes a light emitter for emitting a detection light, a receiver for receiving the detection light, and a moving device for moving a discharge head in a direction to intersect the optical path of the detection light. When D is the diameter of a beam of the detection light, d is the diameter of the droplets, L is the distance between the discharge nozzles in the direction of movement of the discharge head, and H is the relative distance that the discharge head moves from when a discharge nozzle discharges one droplet to when the discharge nozzle discharges the next droplet, settings are adjusted so as to satisfy the conditions: $D/2 + d/2 \leq L$, and $H \leq D$.